ELSEVIER

Fuzzy Sets and Systems 93 (1998) 385–386

FUZZY
sets and systems

Author Index Volume 93 (1998)

Abdukhalikov, K.S., M.S. Tulenbaev and **U.U. Umirbaev,** On fuzzy subalgebras (2) 257–262
Abershitz, A., *see* M. Livchitz (2) 145–159
Ali, F.M., A differential equation approach to fuzzy non-linear programming problems (1) 57– 61

Bandemer, H. and **M. Lorenz,** Evaluating a functional relationship from picture data of a chemical diffusion process – A case study (1) 29– 35
Berger, M., A new parametric family of fuzzy connectives and their application to fuzzy control (1) 1– 16
Bhattacharyya, M., A note on "FUZMAR: An approach to aggregating market research data based on fuzzy reasoning" by R.R. Yager et al. (3) 381–383
Bülbül, A., A note on Lo-fuzzy nearly compact spaces (2) 235–239

Cao YunJuan, *see* Z. Zhen (2) 185–195
Chang, M.-H., *see* C.-L. Chen (1) 37– 48
Chen, C.-L. and **M.-H. Chang,** Optimal design of fuzzy sliding-mode control: A comparative study (1) 37– 48
Chen, B.-C., *see* H.-Y. Chung (1) 23– 28
Chen, S.-M., *see* W.-H. Hsiao (1) 17– 22
Cheng, T. W., D.B. Goldgof and **L.O. Hall,** Fast fuzzy clustering (*Short Communication*) (1) 49– 56
Chew, G., *see* M. Schneider (2) 161–172
Chō, M., *see* M. Itoh (3) 353–362
Cho, Y.J., H.K. Pathak, S.M. Kang and **J.S. Jung,** Common fixed points of compatible maps of type (β) on fuzzy metric spaces (1) 99–111
Cho, S.-J., *see* Y.-H. Kim (1) 87– 97
Chung, H.-Y., B.-C. Chen and **J.-J. Lin,** A PI-type fuzzy controller with self-tuning scaling factors (1) 23– 28

Delgado, M., M.A. Vila and **W. Voxman,** On a canonical representation of fuzzy numbers (1) 125–135

Fan, Z.-T. and **D.-F. Liu,** On the oscillating power sequence of a fuzzy matrix (1) 75– 85
Fu Guoyao, Optimization methods for fuzzy clustering (3) 301–309
Fu, C. and **M. Poch,** Fuzzy model and decision of COD control for an activated sludge process (3) 281–292
Furukawa, N., Convexity and local Lipschitz continuity of fuzzy-valued mappings (1) 113–119

Goldgof, D.B., *see* T.W. Cheng (1) 49– 56
Gupta, K.C. and **T.P. Singh,** Fuzzy G-congruences on a groupoid (2) 211–222

Hall, L.O., *see* T.W. Cheng (1) 49– 56
Hayashi, K. and **A. Otsubo,** Simulator for studies of fuzzy control methods (2) 137–144
Haynes, L., *see* H. Xu (2) 173–183
Hong, D.H. and **H. Kim,** A note to the sum of fuzzy variables (1) 121–124
Horiuchi, K. and **N. Tamura,** VSOP fuzzy numbers and their fuzzy ordering (2) 197–210
Hsiao, W.-H., S.-M. Chen and **C.-H. Lee,** A new interpolative reasoning method in sparse rule-based systems (1) 17– 22
Hussein, M.L., Complete solutions of multiple objective transportation problems with possibilistic coefficients (3) 293–299

Itoh, M. and **M. Chō,** Fuzzy bounded operators (3) 353–362

Jang, L.-C. and **J.-S. Kwon,** Convergences of sequences of set-valued and fuzzy-set-valued functions (2) 241–246
Jiang, X., *see* W. Li (3) 275–280
Jung, J.S., *see* Y.J. Cho (1) 99–111

Kanagawa, A., *see* F. Tamaki (3) 311–318
Kandel, A., *see* M. Livchitz (2) 145–159
Kandel, A., *see* M. Schneider (2) 161–172
Kang, S.M., *see* Y.J. Cho (1) 99–111
Kim, Y.-H., J.-G. Kim and **S.-J. Cho,** Products of T-generalized state machines and T-generalized transformation semigroups (1) 87– 97
Kim, H., *see* D.H. Hong (1) 121–124
Kim, J.-G., *see* Y.-H. Kim (1) 87– 97

Elsevier Science B.V.

Kunda, S., The min–max composition rule and its superiority over the usual max–min composition rule (3) 319–329
Kwan, C.M., *see* H. Xu (2) 173–183
Kwon, J.-S., *see* L.-C. Jang (2) 241–246

Lee, C.-H., *see* W.-H. Hsiao (1) 17– 22
Li, S., Weak topological categories (3) 363–373
Li, W., X. Jiang and **Y. Wang,** Road recognition for vision navigation of an autonomous vehicle by fuzzy reasoning (3) 275–280
Lin, J.-J., *see* H.-Y. Chung (1) 23– 28
Liu, D.-F., *see* Z.-T. Fan (1) 75– 85
Livchitz, M., A. Abershitz, U. Soudak and **A. Kandel,** Development of an automated fuzzy-logic-based expert system for unmanned landing (2) 145–159
Lorenz, M., *see* H. Bandemer (1) 29– 35

Margaritis, K.G., *see* A.K. Tsadiras (3) 263–274

Ohta, H., *see* F. Tamaki (3) 311–318
Otsubo, A., *see* K. Hayashi (2) 137–144

Pan Zhi, *see* S. Xiaoqiu (3) 331–335
Park, J.H., On fuzzy pairwise semi-precontinuity (3) 375–379
Pathak, H.K., *see* Y.J. Cho (1) 99–111
Poch, M., *see* C. Fu (3) 281–292
Pryor, J.D., *see* H. Xu (2) 173–183

Sarna, M., Fuzzy relation on fuzzy and non-fuzzy numbers – fast computational formulas: II (*Short Communication*) (1) 63– 74
Schneider, M., E. Shnaider, A. Kandel and **G. Chew,** Automatic construction of FCMs (2) 161–172
Sengupta, K., Fuzzy preference and Orlovsky choice procedure (2) 231–234
Shnaider, E., *see* M. Schneider (2) 161–172
Singh, T.P., *see* K.C. Gupta (2) 211–222
Song Xiaoqiu and **Pan Zhi,** Fuzzy algebra in triangular norm system (*Short Communication*) (3) 331–335
Soudak, U., *see* M. Livchitz (2) 145–159

Tamaki, F., A. Kanagawa and **H. Ohta,** Identification of membership functions based on fuzzy observation data (3) 311–318
Tamura, N., *see* K. Horiuchi (2) 197–210
Tan, S., Y. Yu and **P.-Z. Wang,** Building fuzzy graphs from samples of nonlinear functions (3) 337–352
Tsadiras, A.K. and **K.G. Margaritis,** The MYCIN certainty factor handling function as uninorm operator and its use as a threshold function in artificial neurons (*Short Communication*) (3) 263–274
Tulenbaev, M.S., *see* K.S. Abdukhalikov (2) 257–262

Umirbaev, U.U., *see* K.S. Abdukhalikov (2) 257–262

Vila, M.A., *see* M. Delgado (1) 125–135
Voxman, W., *see* M. Delgado (1) 125–135

Wang, L.X., Universal approximation by hierarchical fuzzy systems (2) 223–230
Wang, P.-Z., *see* S. Tan (3) 337–352
Wang, Y., *see* W. Li (3) 275–280

Xu, H., C.M. Kwan, L. Haynes and **J.D. Pryor,** Real-time adaptive on-line traffic incident detection (2) 173–183

Yu, Y., *see* S. Tan (3) 337–352
Yunyn, S., *see* P. Zuzeng (2) 247–256

Zhang Zhen and **Cao YunJuan,** First-order logic – The unity of fuzziness and randomness (2) 185–195
Zuzeng, P. and **S. Yunyn,** F-propositional calculus and a kind of F-control model on the basis of complemented t-norm (2) 247–256